

Research and application of CNN model in detecting fake messages/emails

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Abstract: In the context of the increasing number of cyber attacks through fake messages, developing an effective detection system is of great importance. This topic focuses on researching and applying the Convolutional Neural Networks (CNN) model to automatically classify and detect fake emails. Thereby, the goal is to build an accurate prediction solution to protect users from the risks posed by fraudulent messages. The research method combines theory and experimentation, including data normalization, model training, and performance evaluation. The expected result is an effective fake email classification system, providing users with a powerful security tool.

Keywords: CNN, fake message detection, information security